

INSTALLATION INSTRUCTIONS FOR MDC 4.2

These instructions describe how to set up MDC version 4.2 on your computer.

The installation routine for MDC 4.2 allows you to install, MDC and MDC Hourly together, MDC only or MDC Hourly only. Note that MDC Hourly will not work in conjunction with MDC v3.x. After the installation is complete, you will have a single desktop icon for MDC 4. You will access the MDC Hourly program through the MDC 4.2 menu.

If you currently have MDC 4.0 or higher, you can install MDC 4.2 in the same directory. Your data will not be deleted unless you choose to delete it during the install routine. If you currently have MDC v3.3, we recommend that you install MDC 4.2 to a clean directory rather than overwriting that version. You can do this by accepting the default installation directories (C:\Program Files\MDC4 and C:\Program Files\MDC4\data) or indicating some other new directory. If you need the data that is currently in MDC 3.3, you can create a backup file of the database (File Menu, Backup) and then restore that data into MDC 4.2. Be aware that this will overwrite any data that is already in MDC 4.2.

Minimum Hardware Requirements

The software is designed to run under Windows 95/98, Windows NT, Windows 2000 or Windows XP. Sixty four megabytes of RAM is recommended. Allow for 50 megabytes of hard disk storage for the initial installation, and at least 100 megabytes of additional space if you plan to import multiple quarters of emissions data into MDC-Hourly. MDC 4 was designed for a screen resolution of 1024 x 768. You can operate the software with a screen resolution of 800 x 600, but there will be less data displayed and more scrolling required. A screen resolution of 640 x 480 is not supported. If you notice that parts of your screens are cut off or are inaccessible, consult your Windows documentation for information on setting the screen resolution to 800 x 600 pixels or higher.

Programming Languages and Components

MDC 4.2 is written in a combination of FoxPro and Visual Basic. It creates several FoxPro tables in the data directory designated during installation and a temporary Access database that is stored in the working directory, also designated during installation. It uses the following third party controls which will be installed and registered in your Windows system directory:

MDC 4.2 Controls

Component	Description	Component Files Installed
ComponentOne Chart 7.0	Graphing component used for graphing emissions data	Olch2x7.ocx Olch3x7.ocx
ComponentOne SizerOne 7.0	Resizing component allowing user to resize forms	SizerOne.ocx
FarPoint Spread 3.5	Spreadsheet component used for display of emissions data in a spreadsheet format.	Spr32x35.ocx
FarPoint Input Pro 3.0	Suite of data entry components. Calendars, memo controls, etc.	edt32x30.ocx mem32x30.ocx
Active Error	Application Error Handling component.	foundation6.dll
Crystal Reports 8.5	Reporting component used for creating application reports.	crystl32.ocx
XceedZip Compression 4.2	Compression component used to backup and restore data and MDC Hourly Archives.	XceedZip.dll

Installation

1. Download the file mdc4254setup.exe from the CAMD website. Once the download is complete (the file is approximately 42.9 MB), double-click on the file to initiate the self-extracting zip process. Unzip the files into the default folder (C:\MDC42temp) or create a new empty folder for this purpose.
2. Once the setup files have been extracted, close any open applications and double-click on the setup.exe file created in Step 1 to begin the install process.
3. If you have an old version of an ODBC driver required by MDC, you will be prompted to exit and initiate setup.exe. in the VFPODBC subfolder. This is common on Windows XP machines. After completing that installation, start this setup again.
4. If you have previously installed MDC 4, you will be asked if you want to Reinstall MDC or Remove MDC. Make sure the Reinstall MDC option is selected.

5. On the Setup Type screen, keep the default option (MDC and MDC Hourly).
6. Select the Setup Type.

Typical Installation

This setup type installs both the program files and the data files in the directories you select. This setup type should be used the first time the software is installed and when you are upgrading to a newer version of the software.

Existing Network Data

This setup type installs only the program files and allows you to select the directory where the data files already exist. This setup type should be used when the data files already exist on the network and you only wish to install the program files and select the data directory.

Workstation Client Setup

This setup type installs only the Windows system files required to run the software and sets up the application icon. This option should be used when the program files and the data files have already been installed in a network location and you wish to setup a client machine to access the software.

7. The installation program will prompt you for three directories used by MDC 4. They are as follows:

- ! **Destination Location:** This is the directory where the MDC program files will be installed. The default setting is "C:\Program Files\MDC4."
- ! **Data Location:** This is the directory where your Monitoring Data Checking Software data are located. The default setting is "C:\Program Files\MDC4\Data."
- ! **Work Folder:** This is a directory that MDC uses as a temporary file storage area. The default setting is "C:\Program Files\MDC4\Work." This folder must NOT be used by other MDC users as their Temporary Folder in MDC. It is best to accept the default directory or another new folder on your local hard drive.

When the installation is complete, you will be notified.

Starting Up

You must run MDC 4 before you run MDC Hourly independently. (This is to initialize the MDC databases, which are required for the MDC Hourly load program.) Initiate the program by selecting MDC 4 from the appropriate Program Group off the Start Menu or by double-clicking on the desktop icon.

When you first start the program, the software will upgrade the data structures used by MDC and the items available for selection in the combo boxes. During this process, you may be prompted about a potential table conflict. Unless you have good reason not to, you should select **Make Selected Table Equal Reference Table**.

The software will ask for a User Name and password. For new installations, type in "USER" as the User Name and enter a blank password (by pressing <Enter>).